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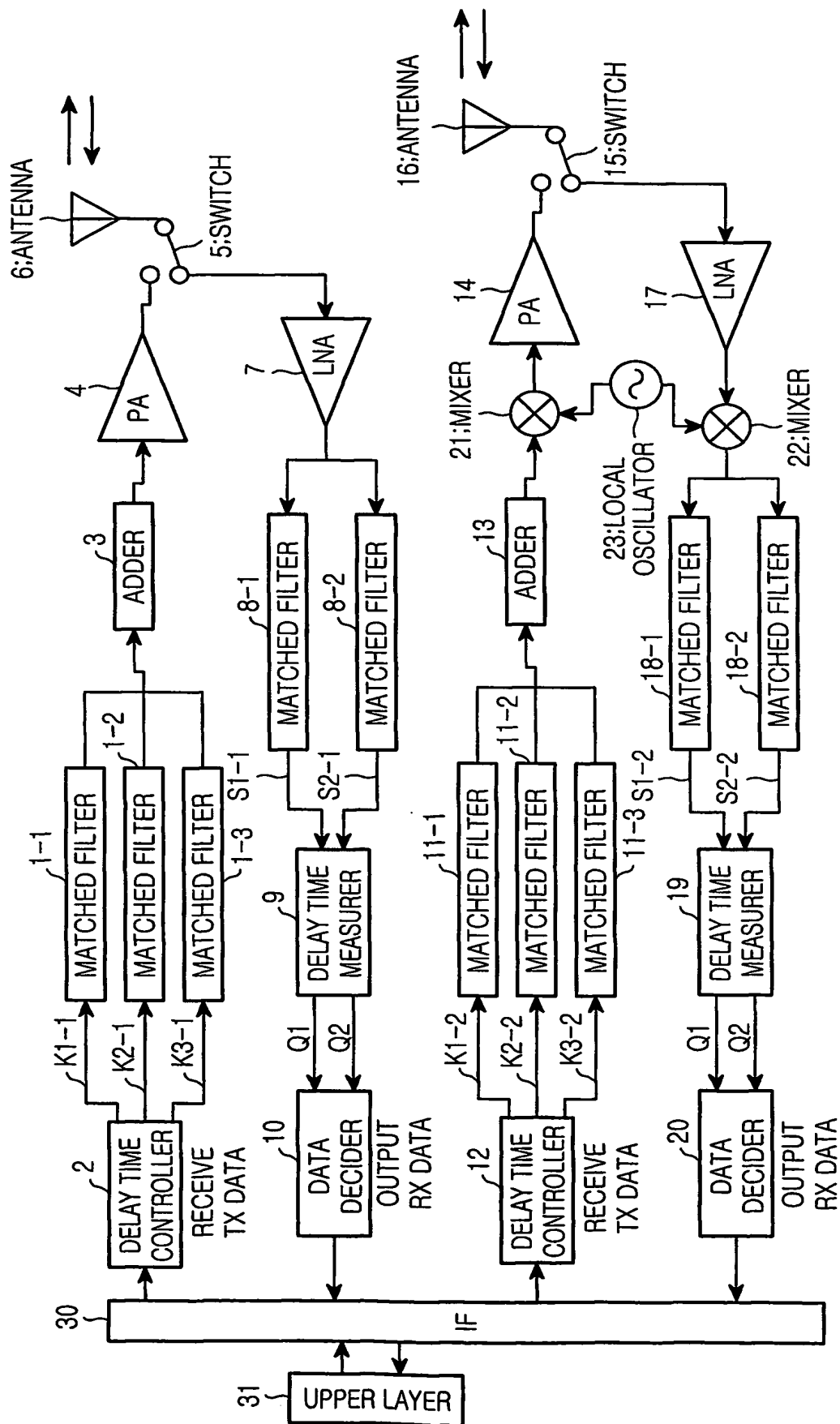


FIG. 1

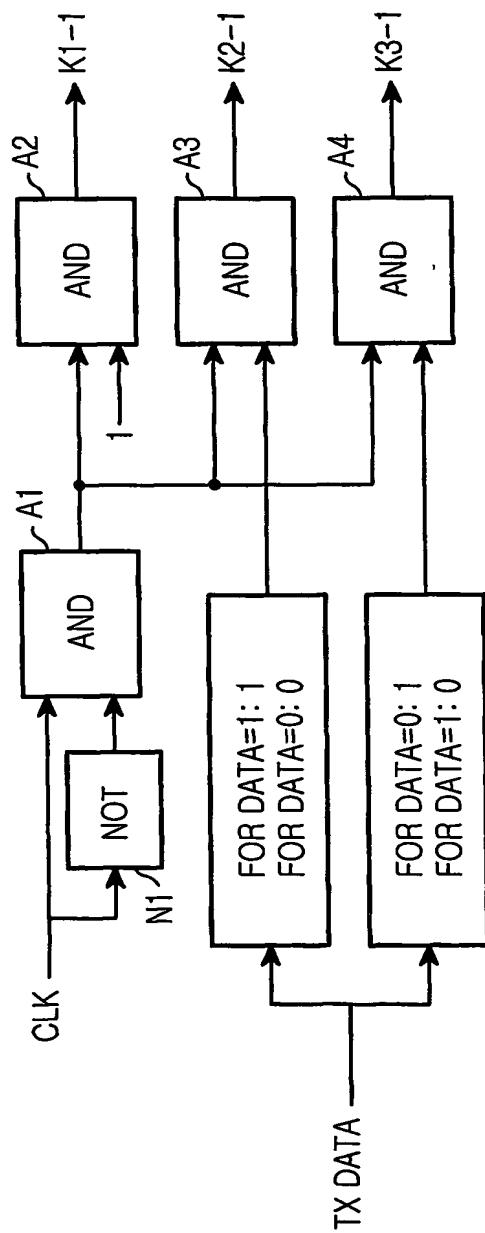


FIG.2

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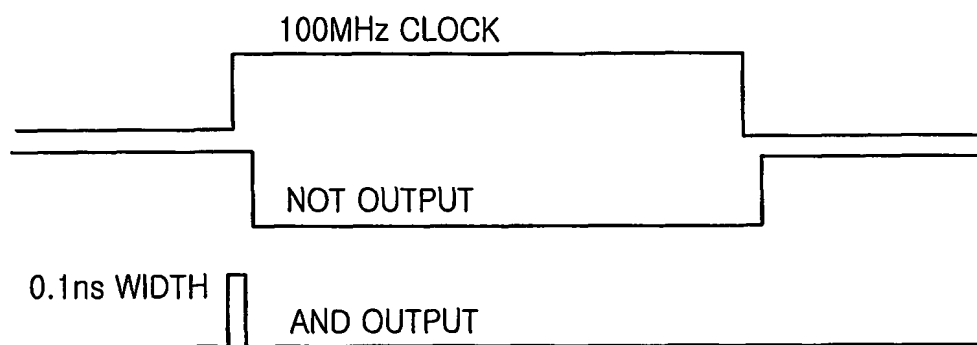


FIG.3

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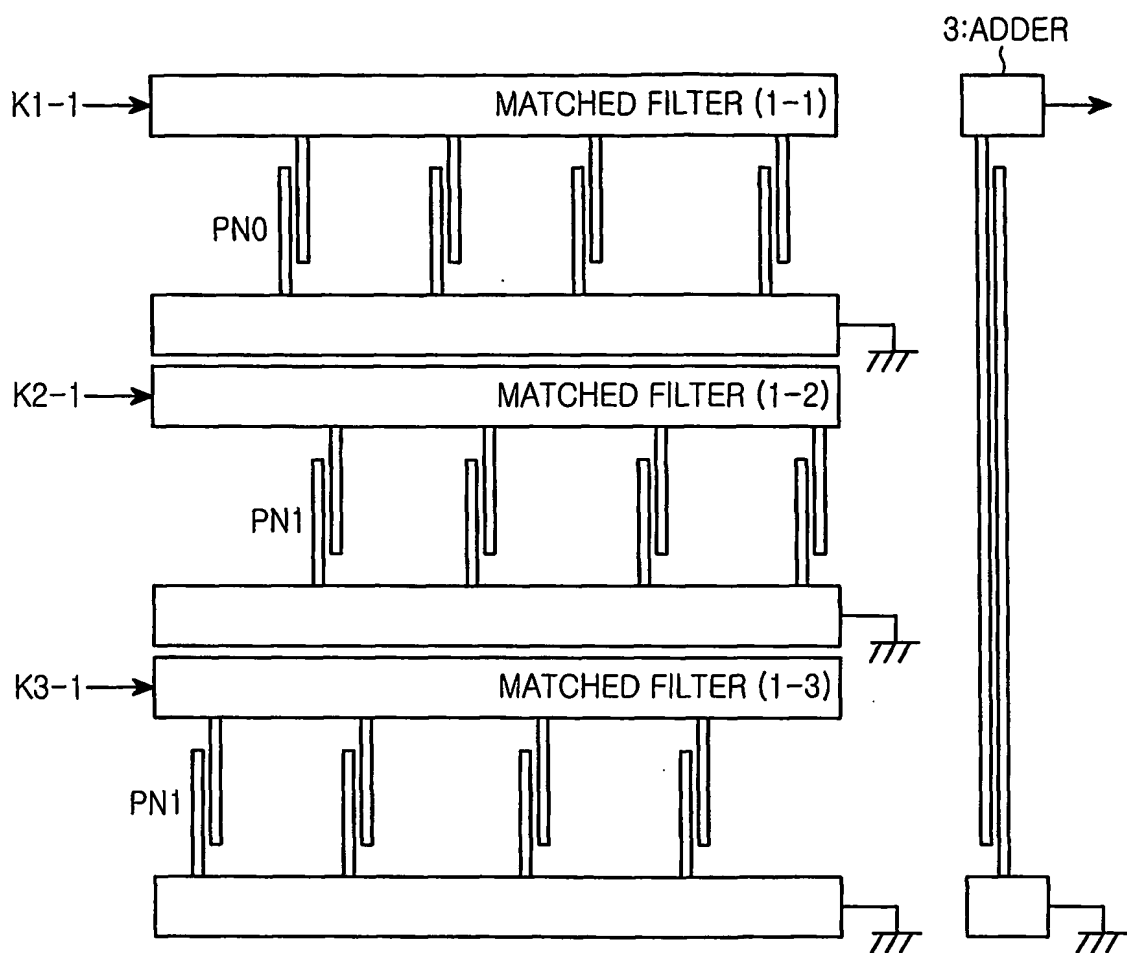


FIG.4

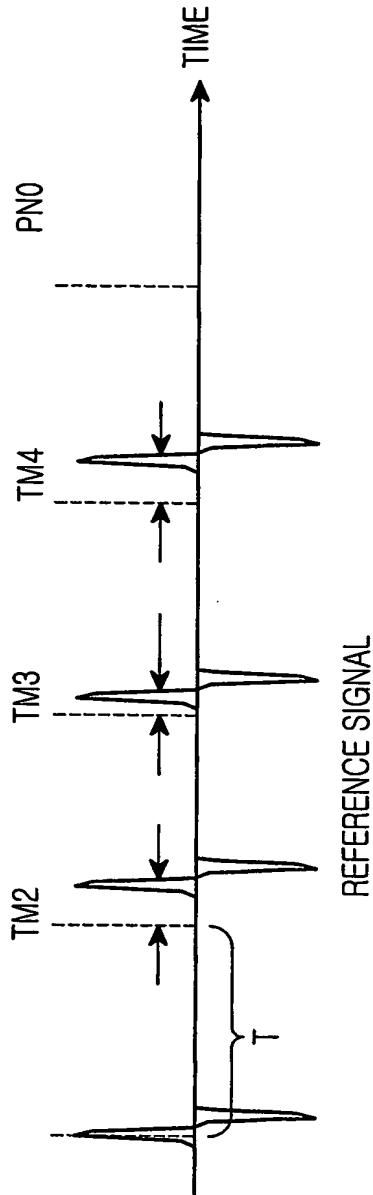


FIG.5

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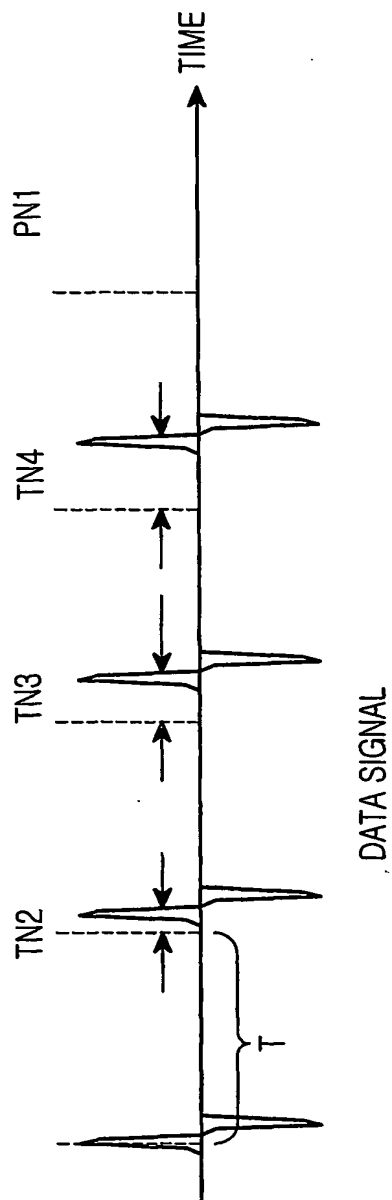


FIG.6

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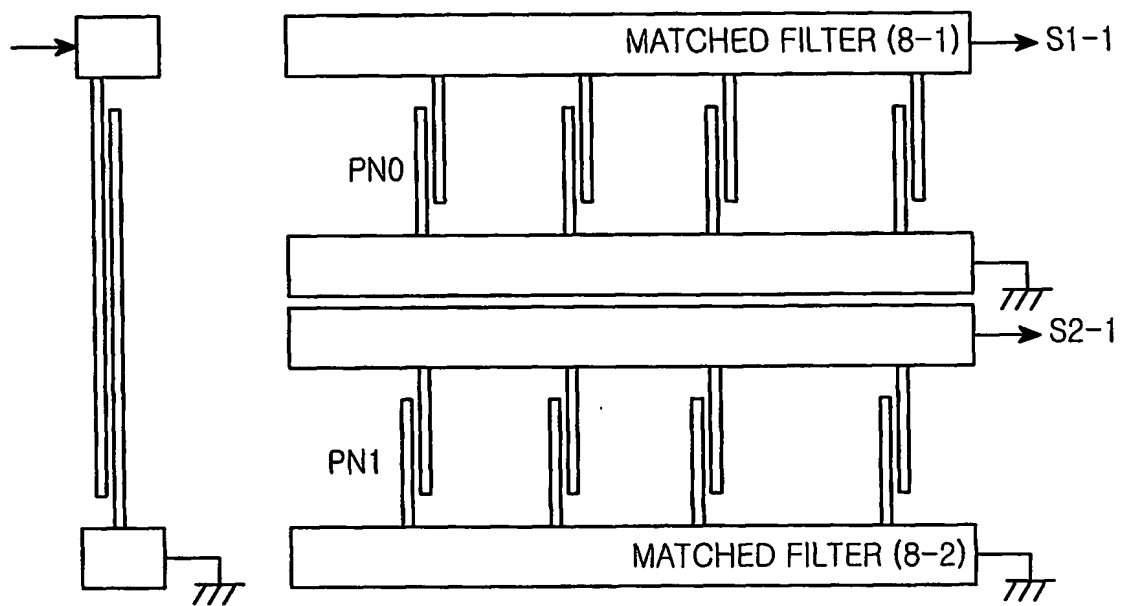


FIG.7

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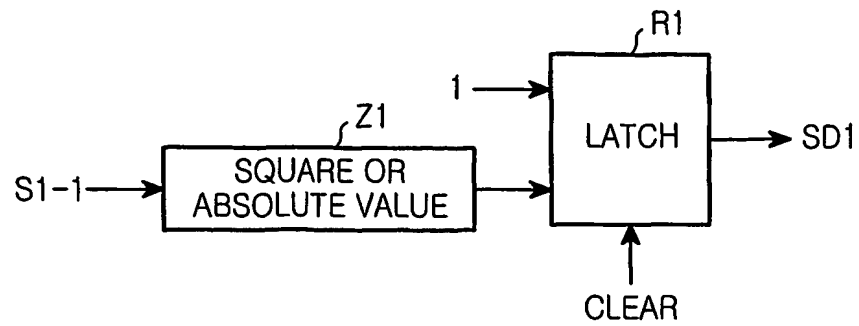


FIG. 8

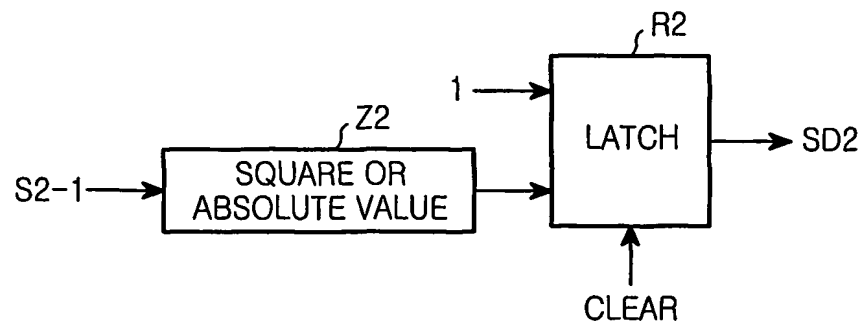


FIG. 9



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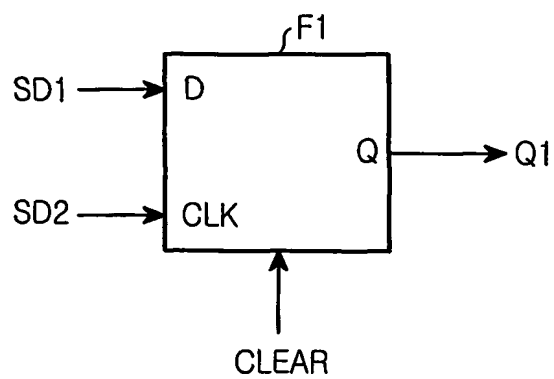


FIG.10

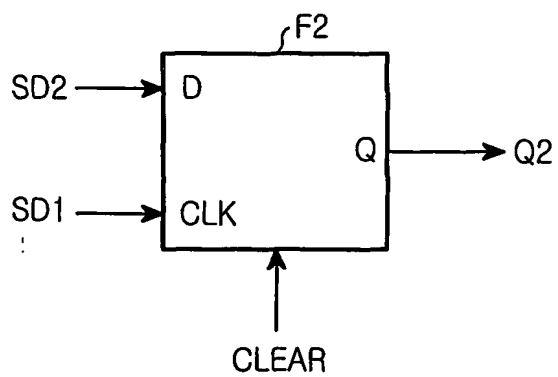


FIG.11

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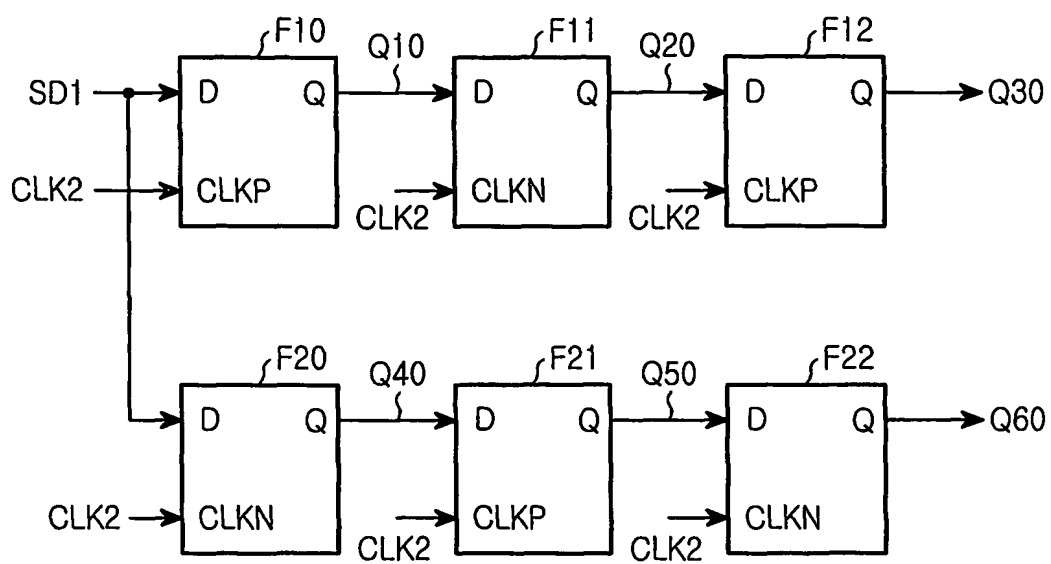


FIG.12

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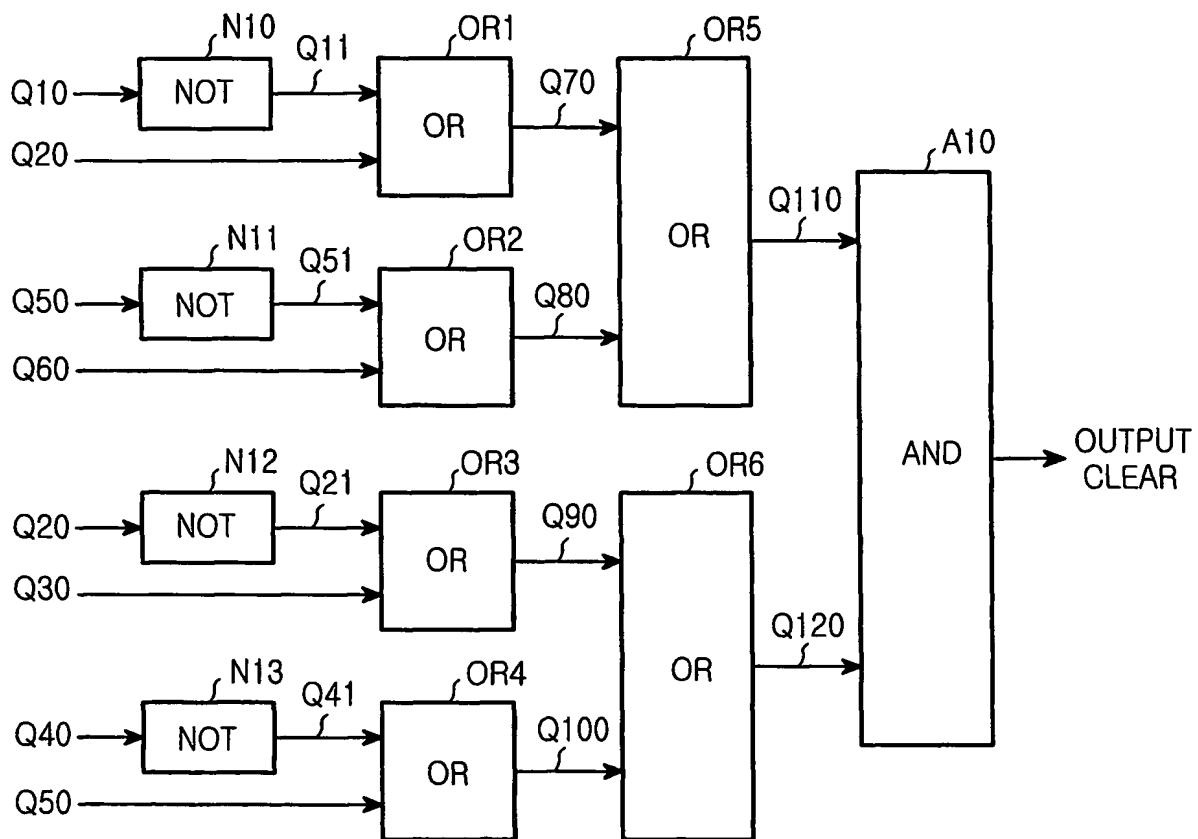


FIG.13

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Q1	Q2	DATA
0	0	X
0	1	1
1	0	0
1	1	X

FIG.14

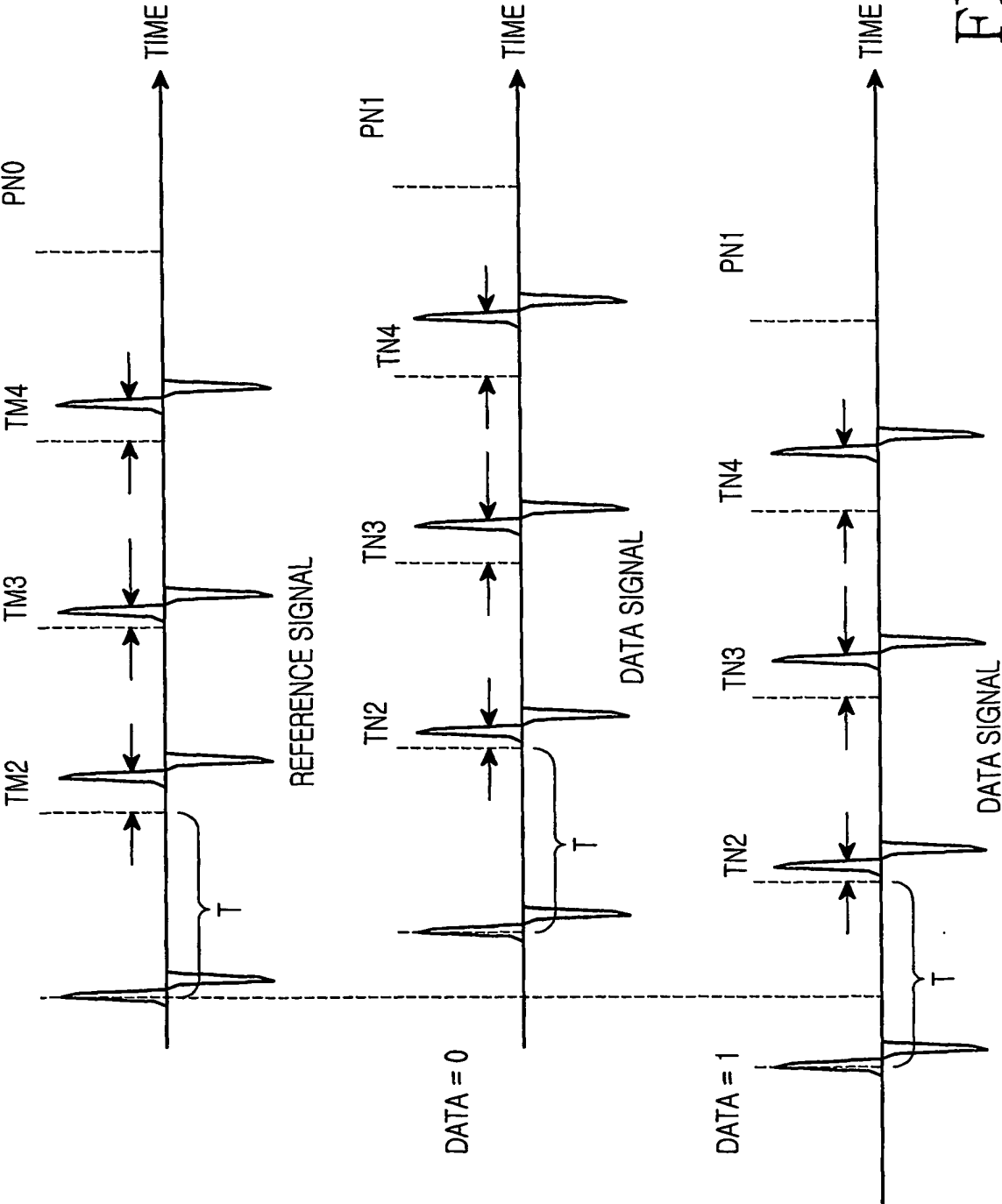


FIG.15

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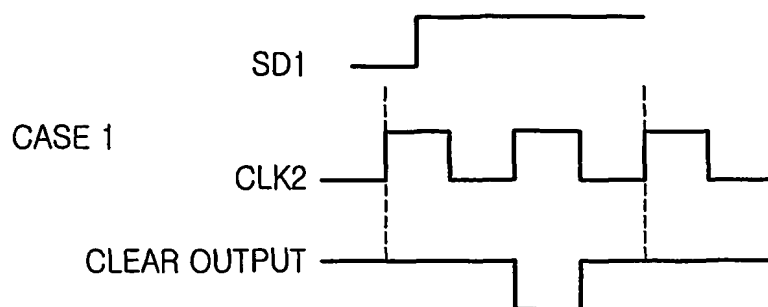


FIG.16

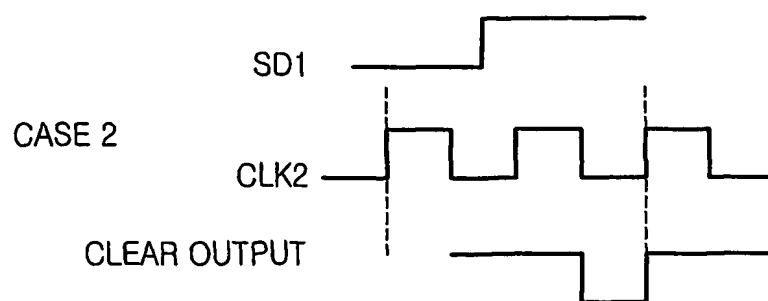


FIG.17

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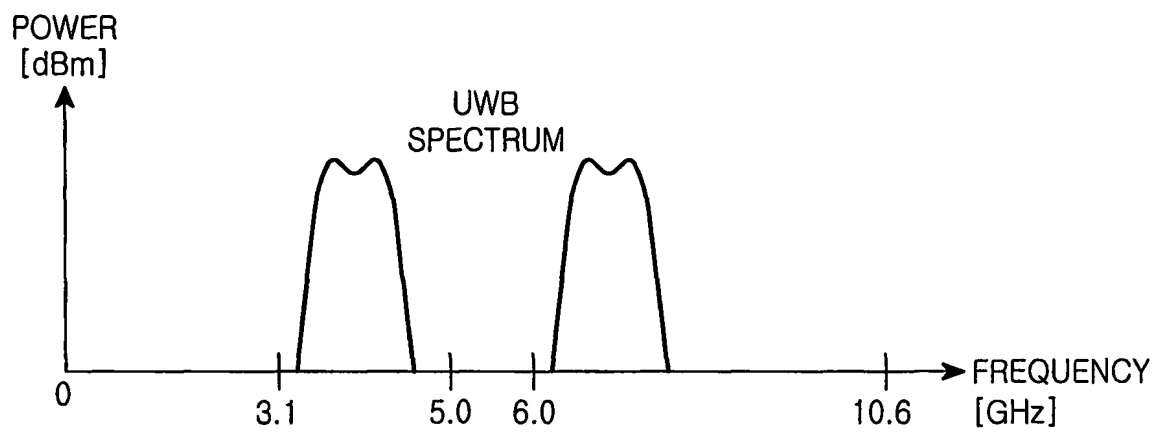


FIG.18

[SYRI-UWBsystem (X3) Freq-Conversion Check]

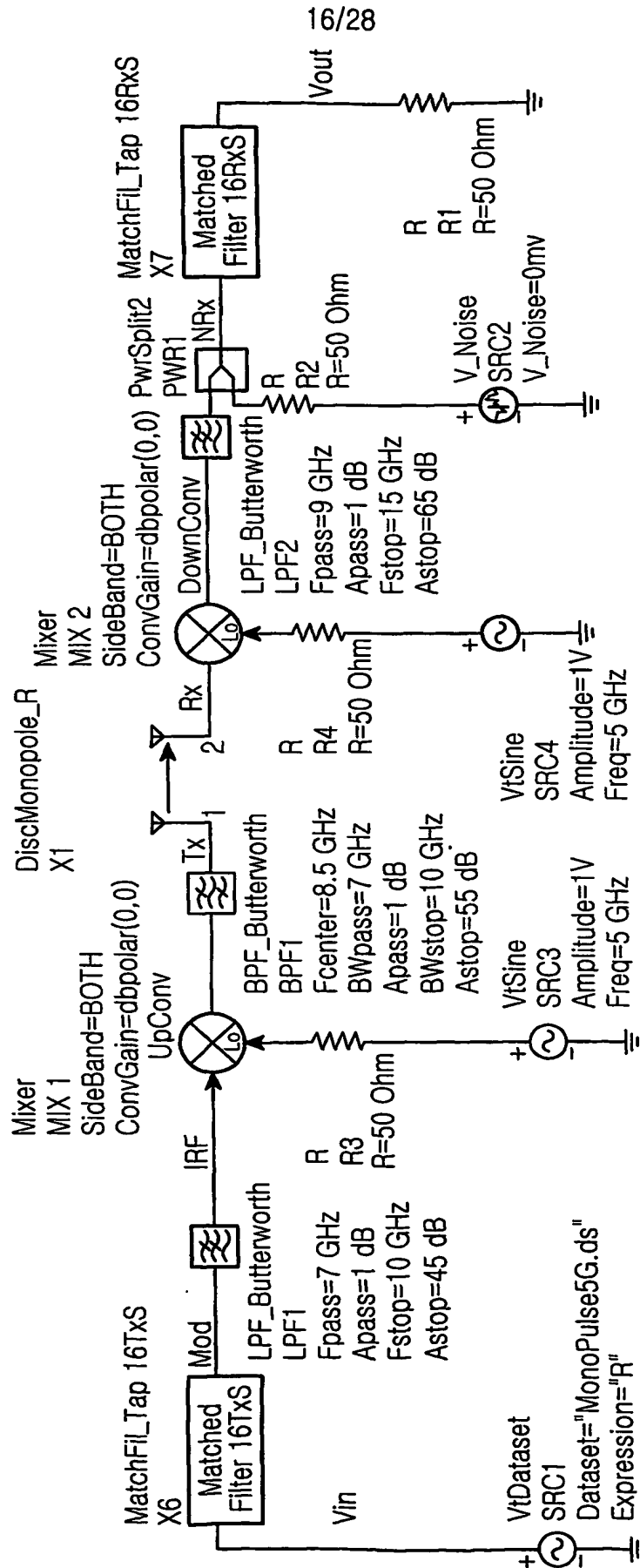


FIG. 19

# UPE1: IMAGE REJECTION FILTER FOR PREVENTING RESTORATION AFTER UP-CONVERSION

MIX1+SBC3: IP CONVERTER (LOCAL OSCILLATOR FREQUENCY=5GHZ, CONVERSION LOSS=0dB)

**BPFE1: BAND PASS FILTER FOR PICKING OUT ONLY UPPER SIDE BAND**

MIX2+SBC4: DOWN CONVERTER (LOCAL OSCILLATOR FREQUENCY=5GHZ, CONVERSION LOSS=0dB)

LPF2: LOW PASS FILTER FOR PICKING OUT ONLY LOWER SIDE BAND

PWR1+SRC2: NOISE ADDER (V\_NOISE=0mV→UNUSED)



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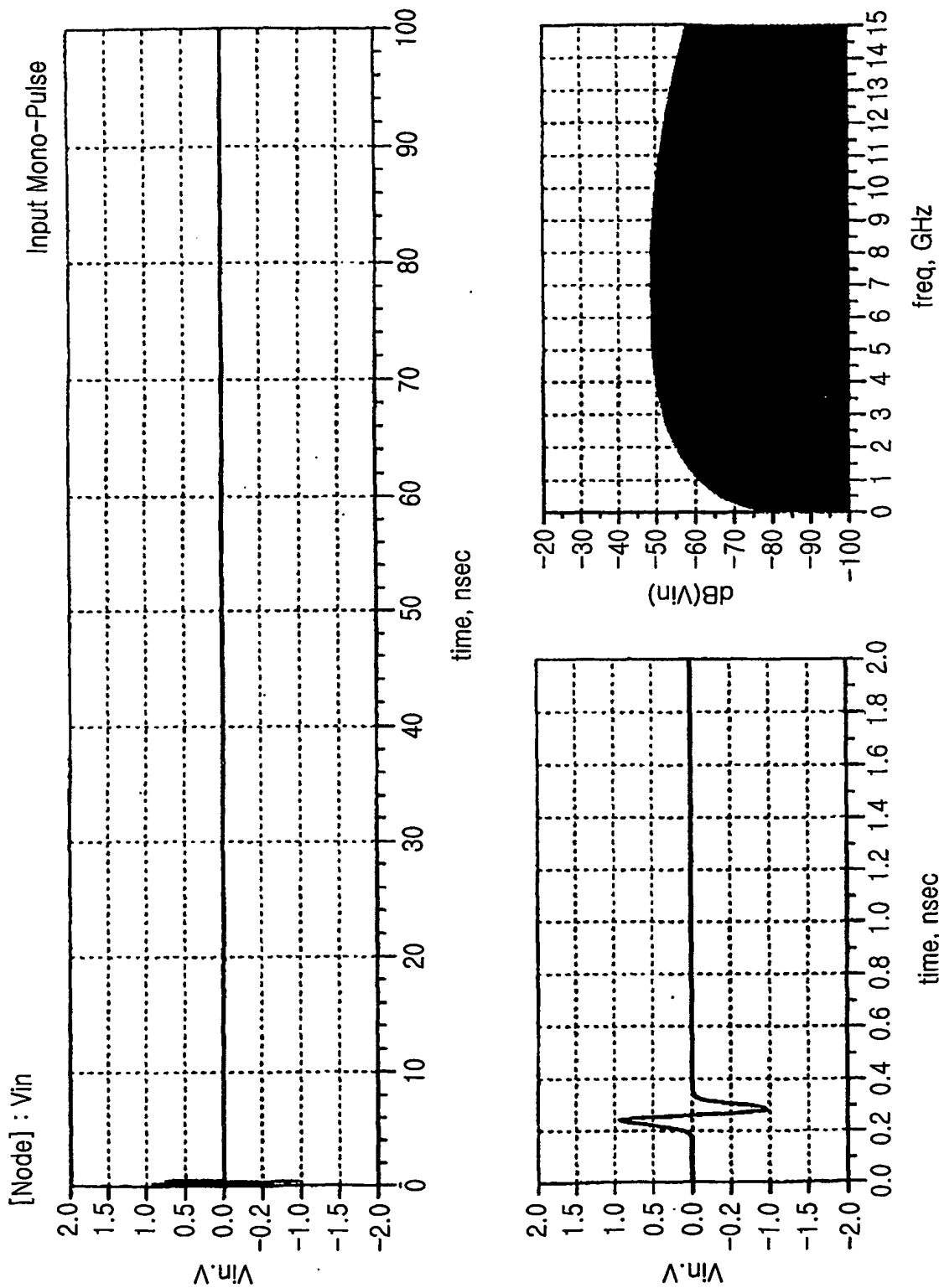


FIG.20

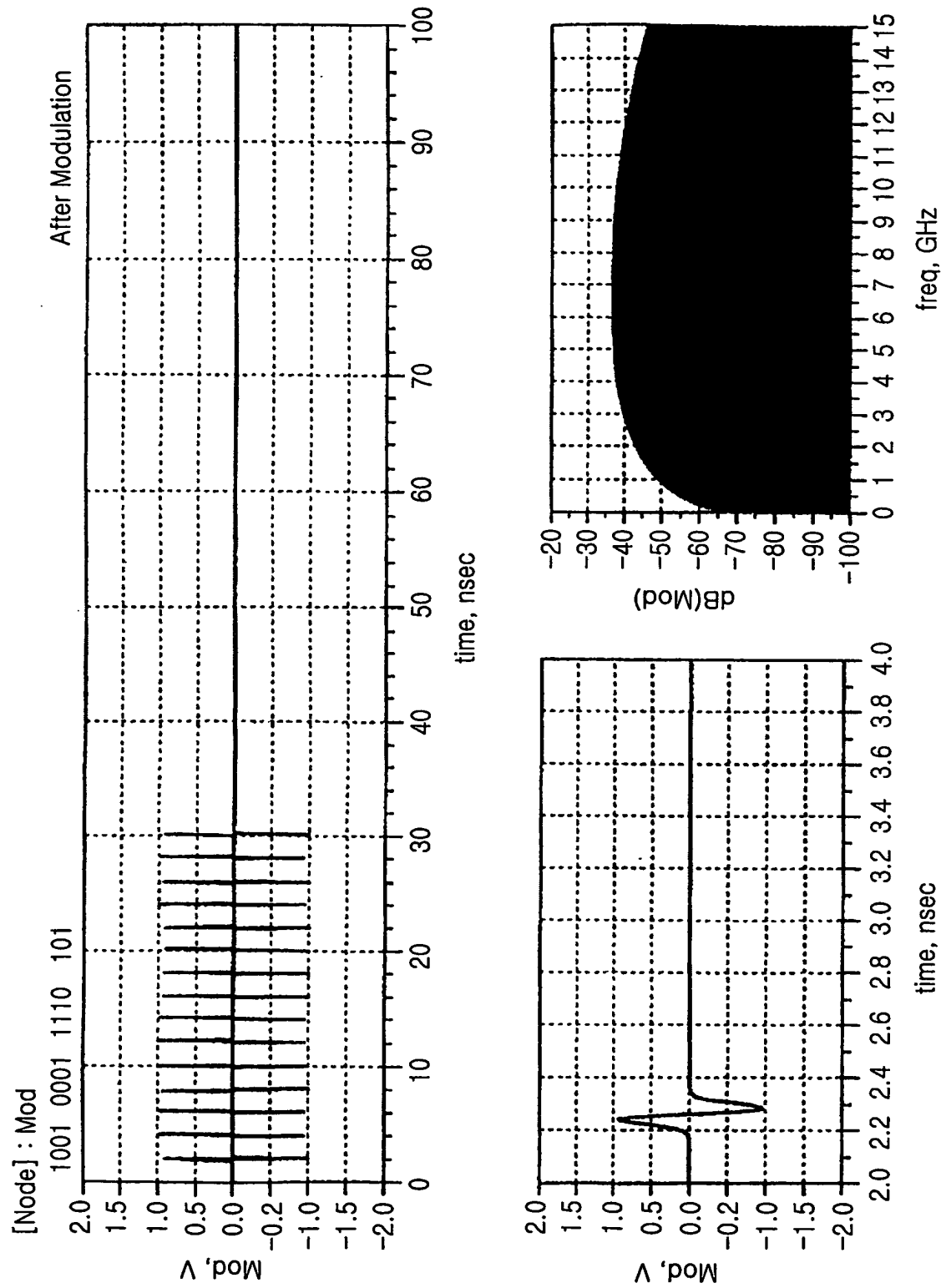


FIG.21

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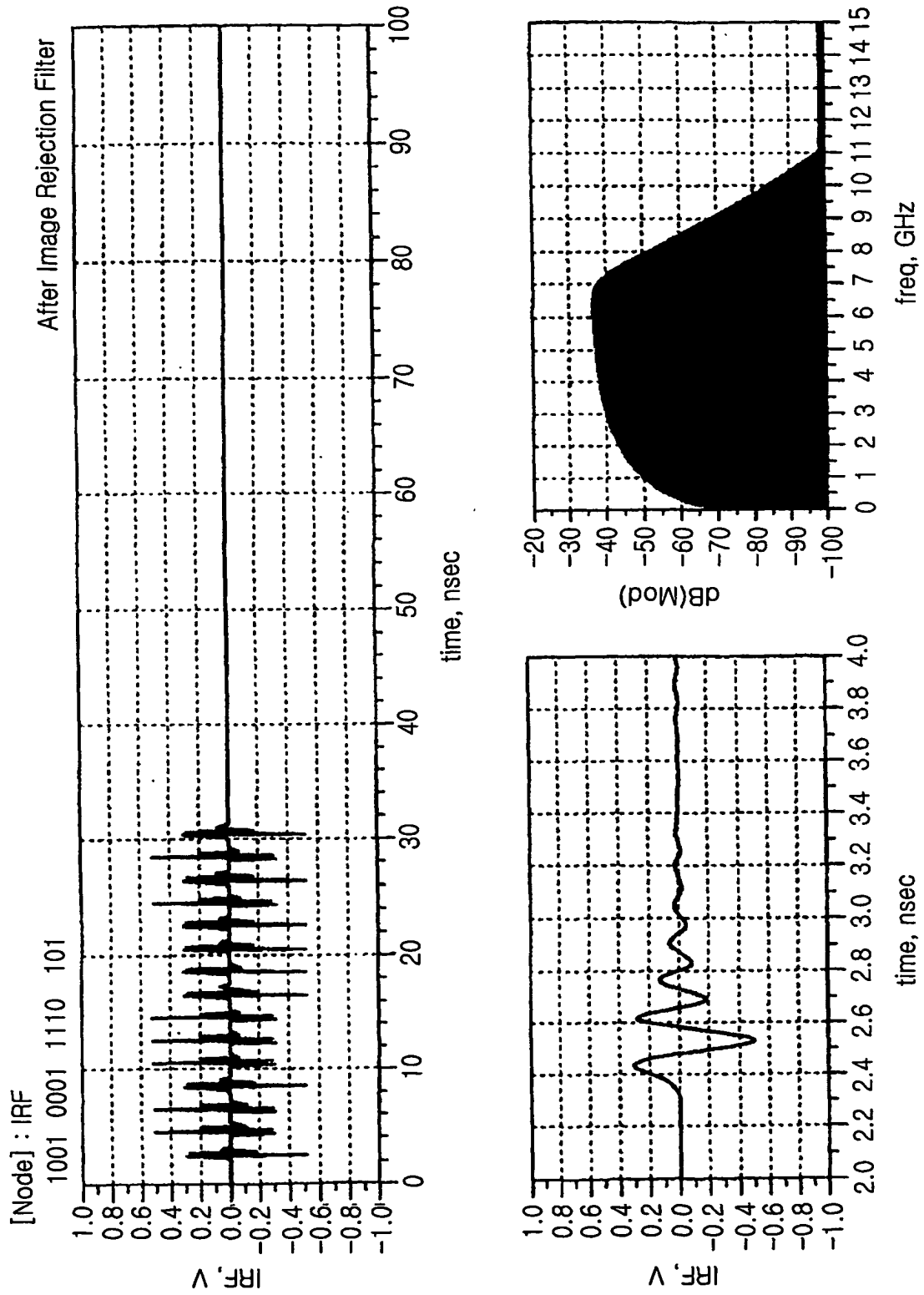


FIG. 22

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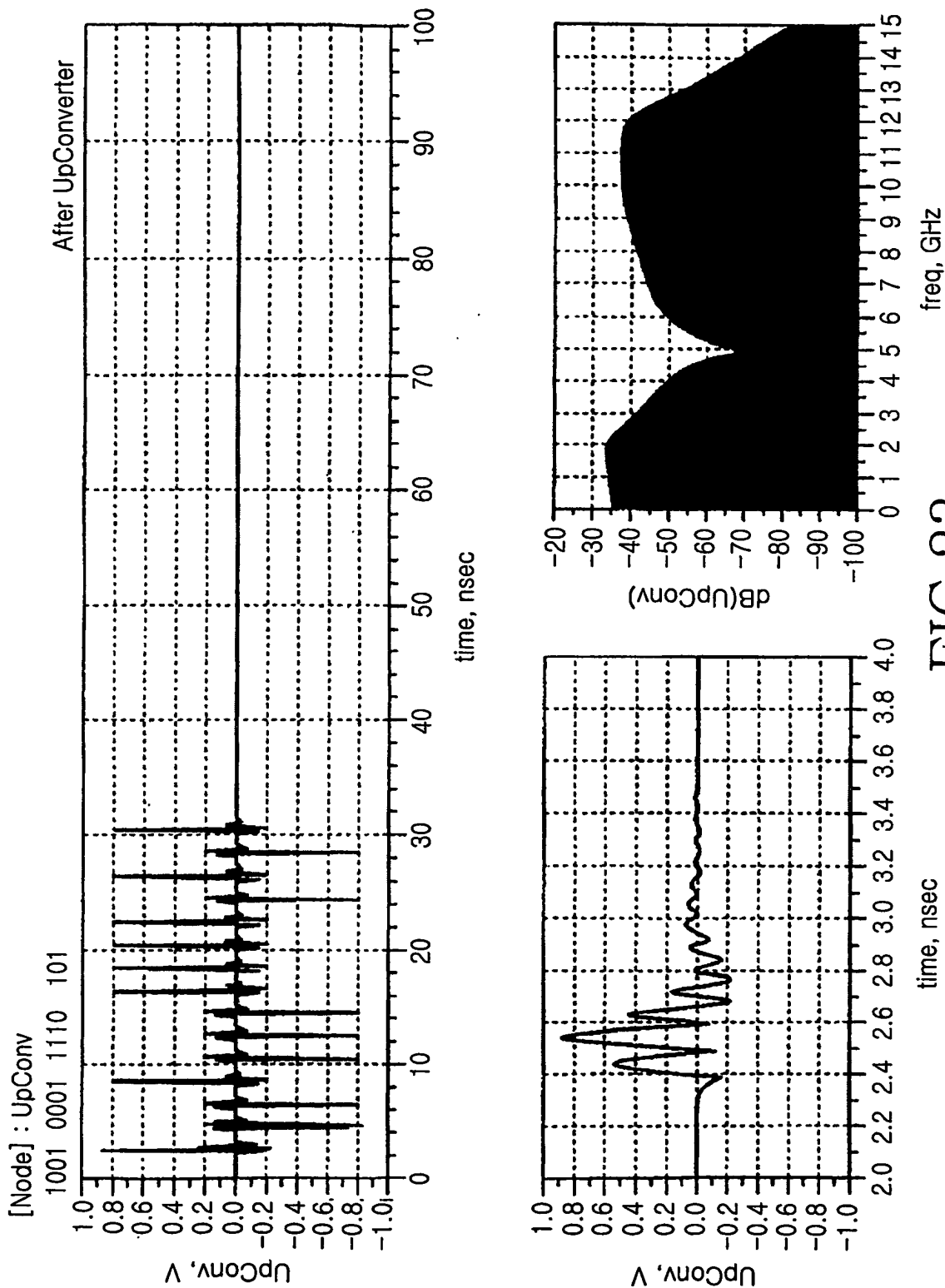


FIG. 23

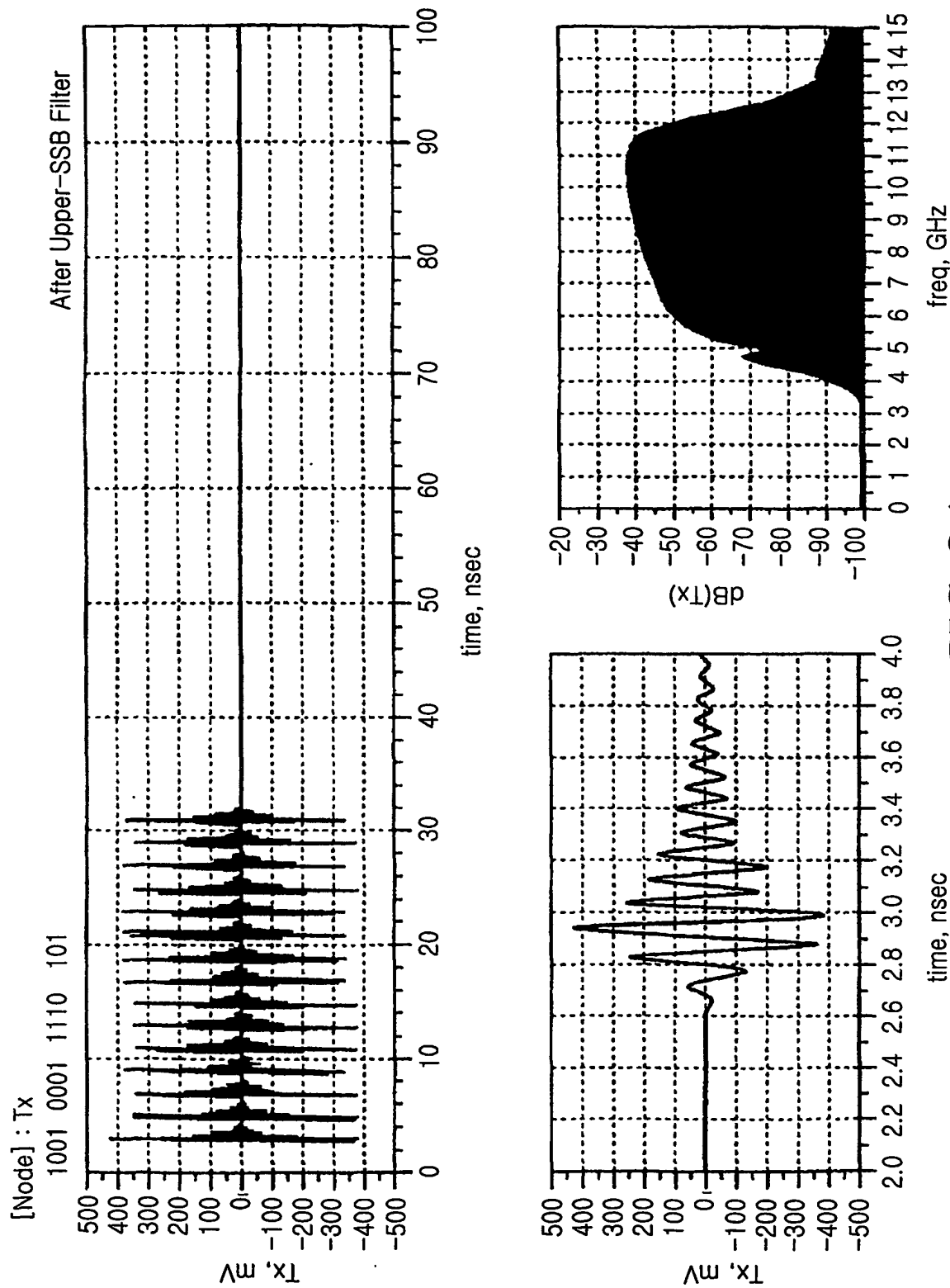


FIG.24

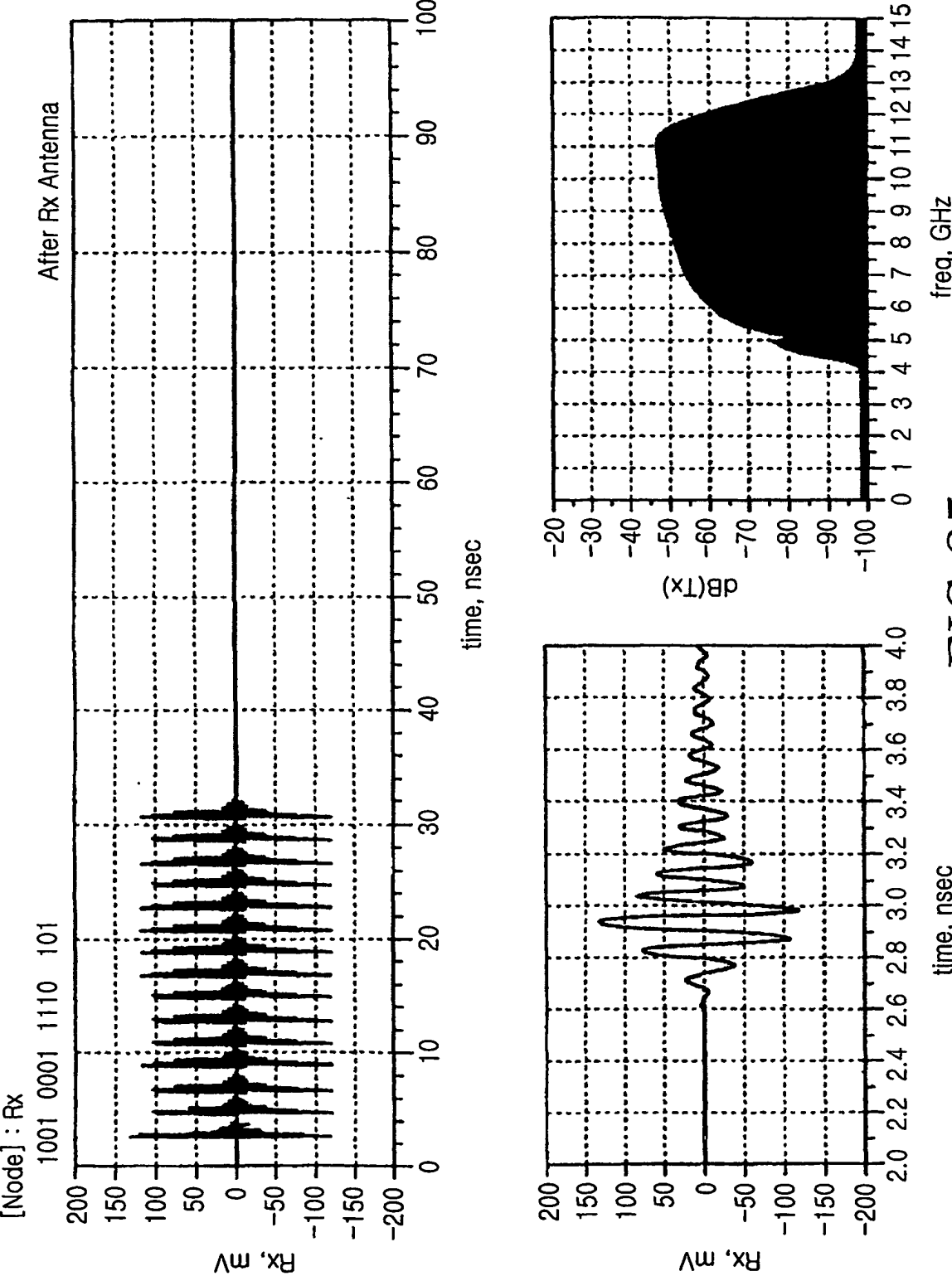


FIG.25

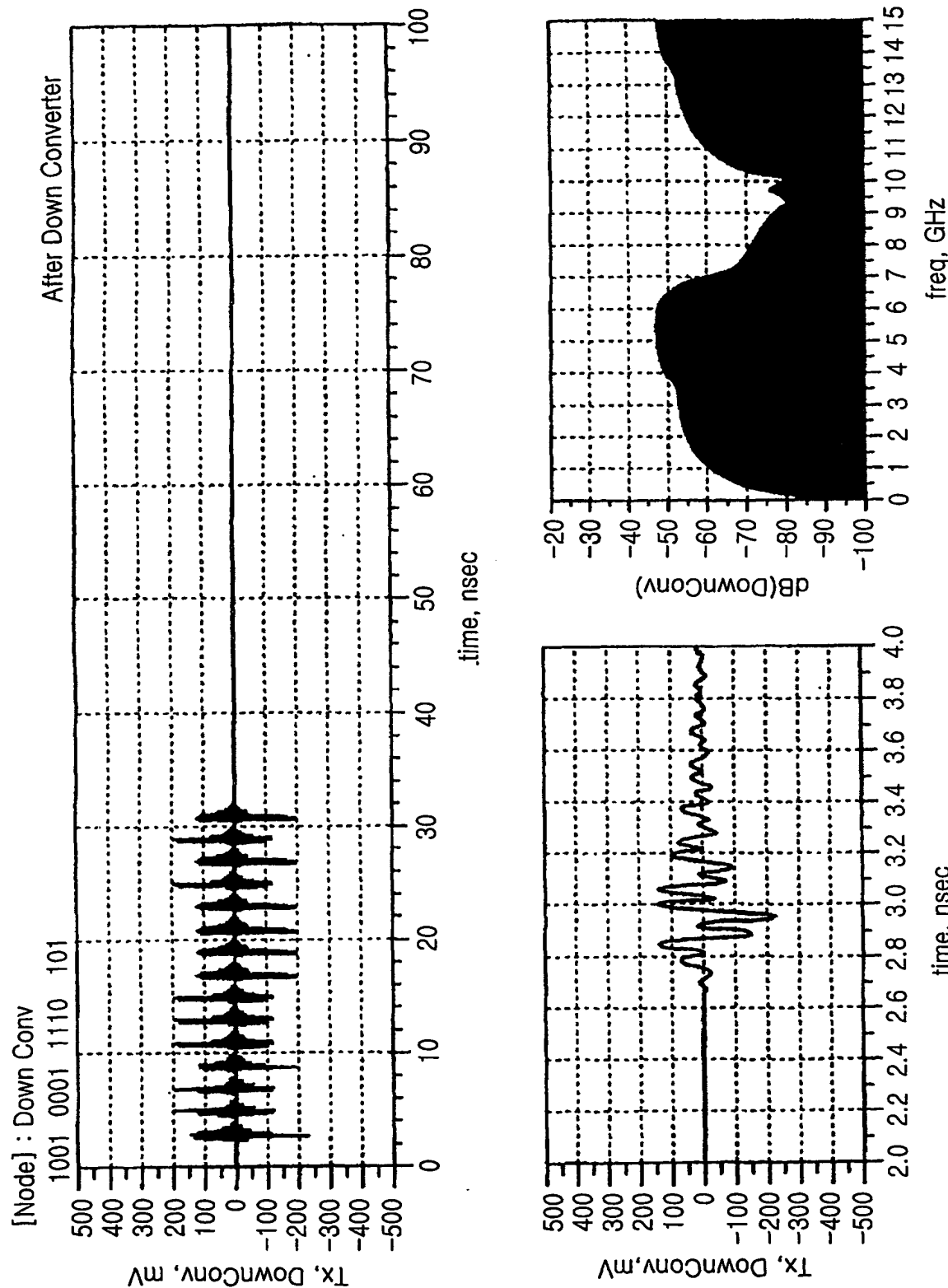


FIG.26

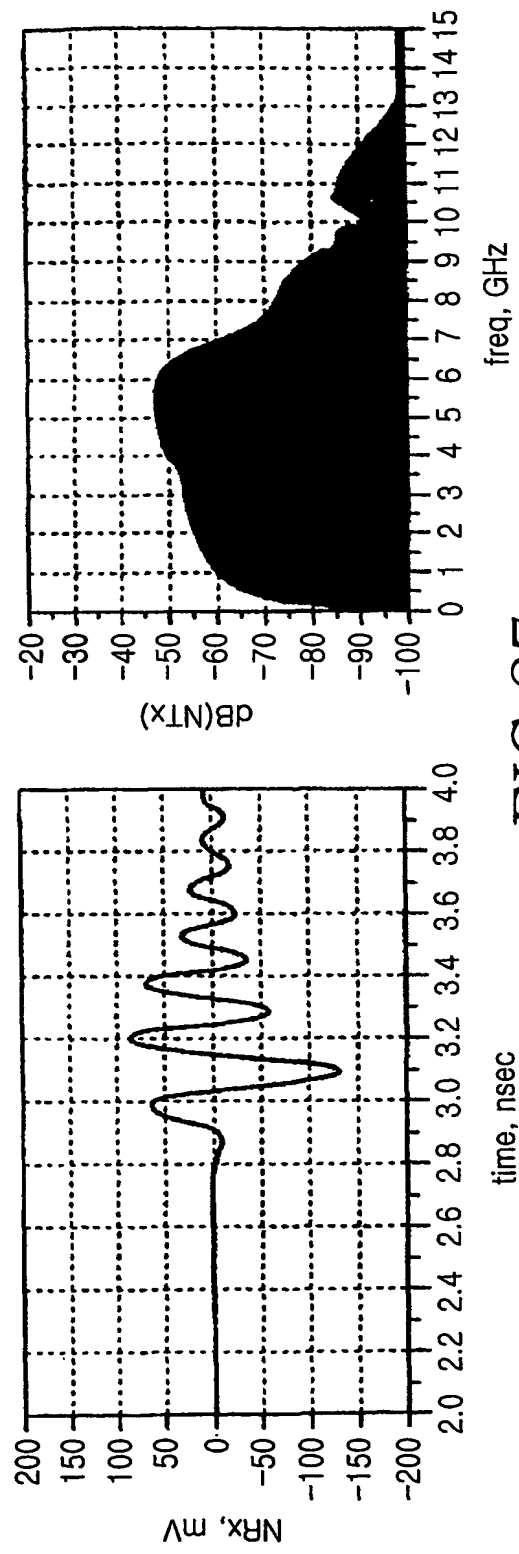
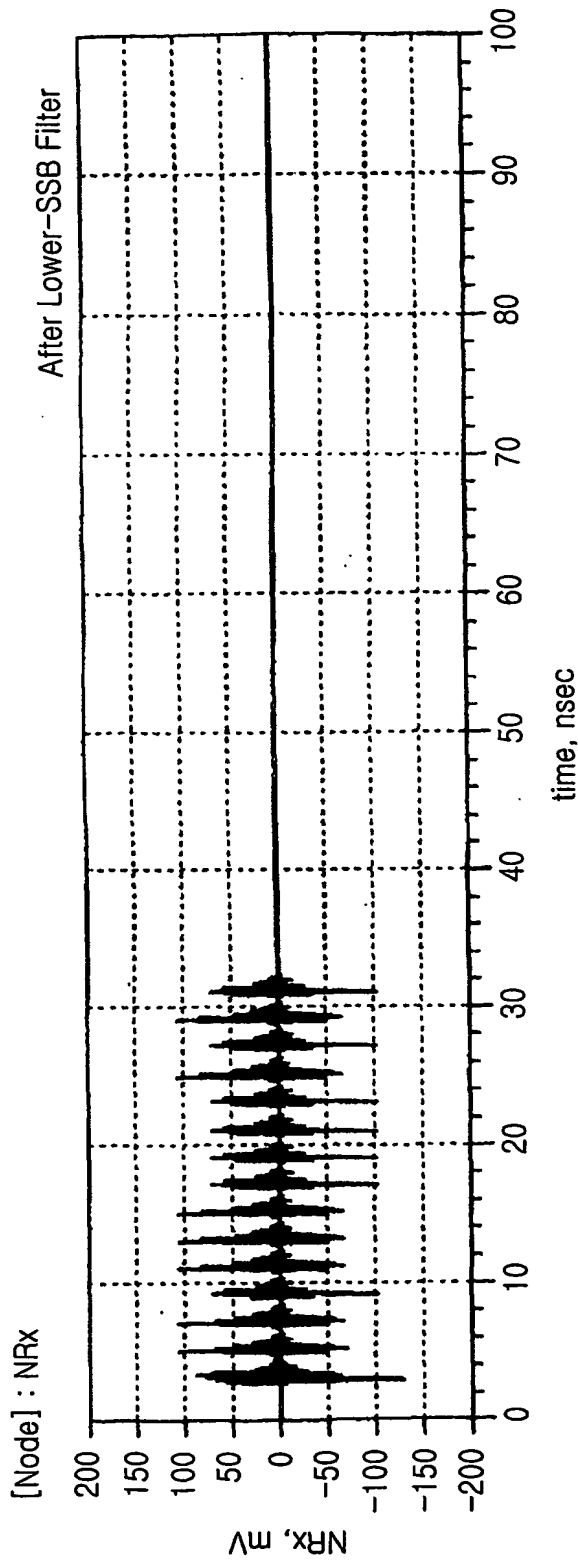


FIG.27



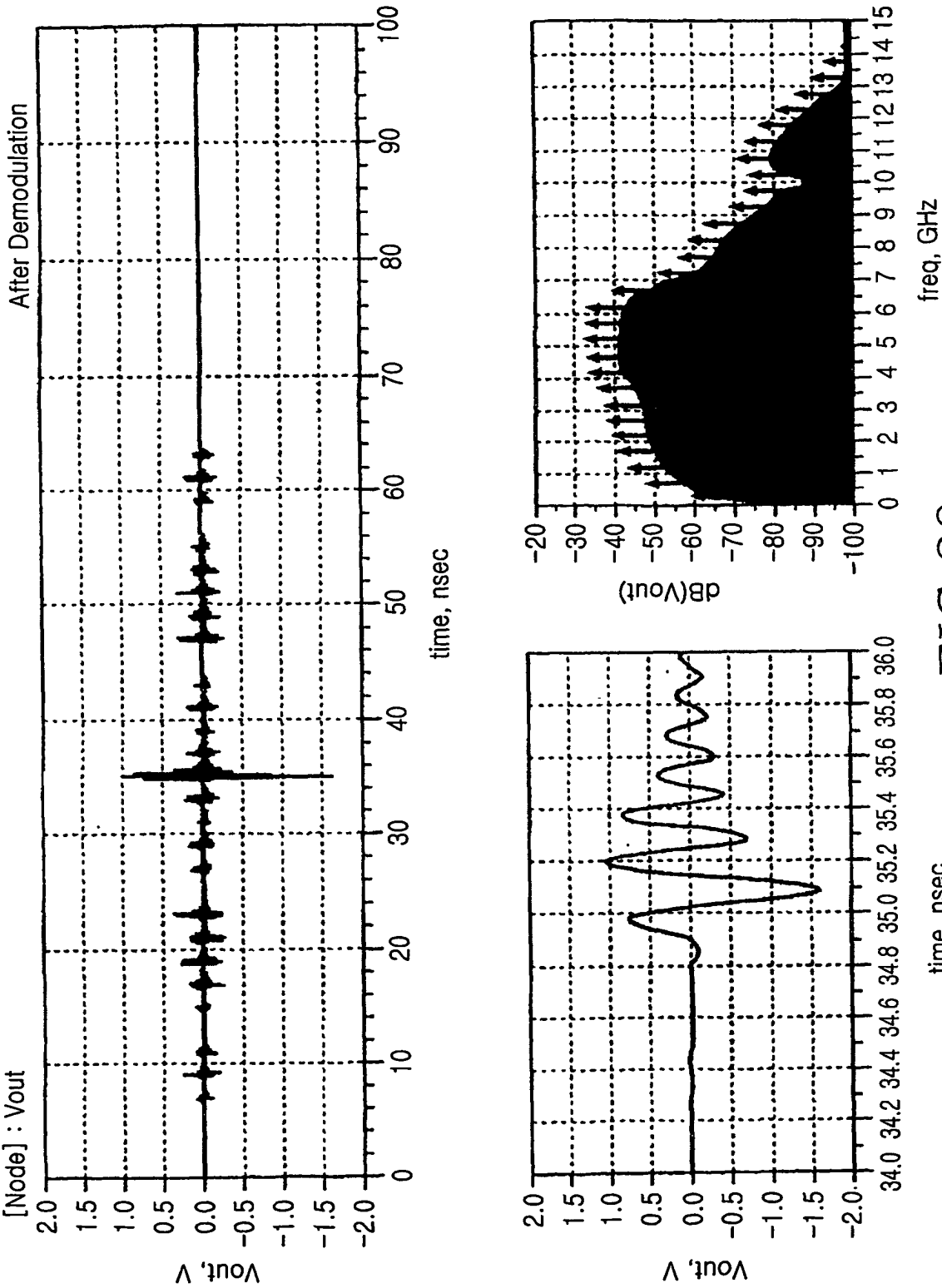


FIG.28

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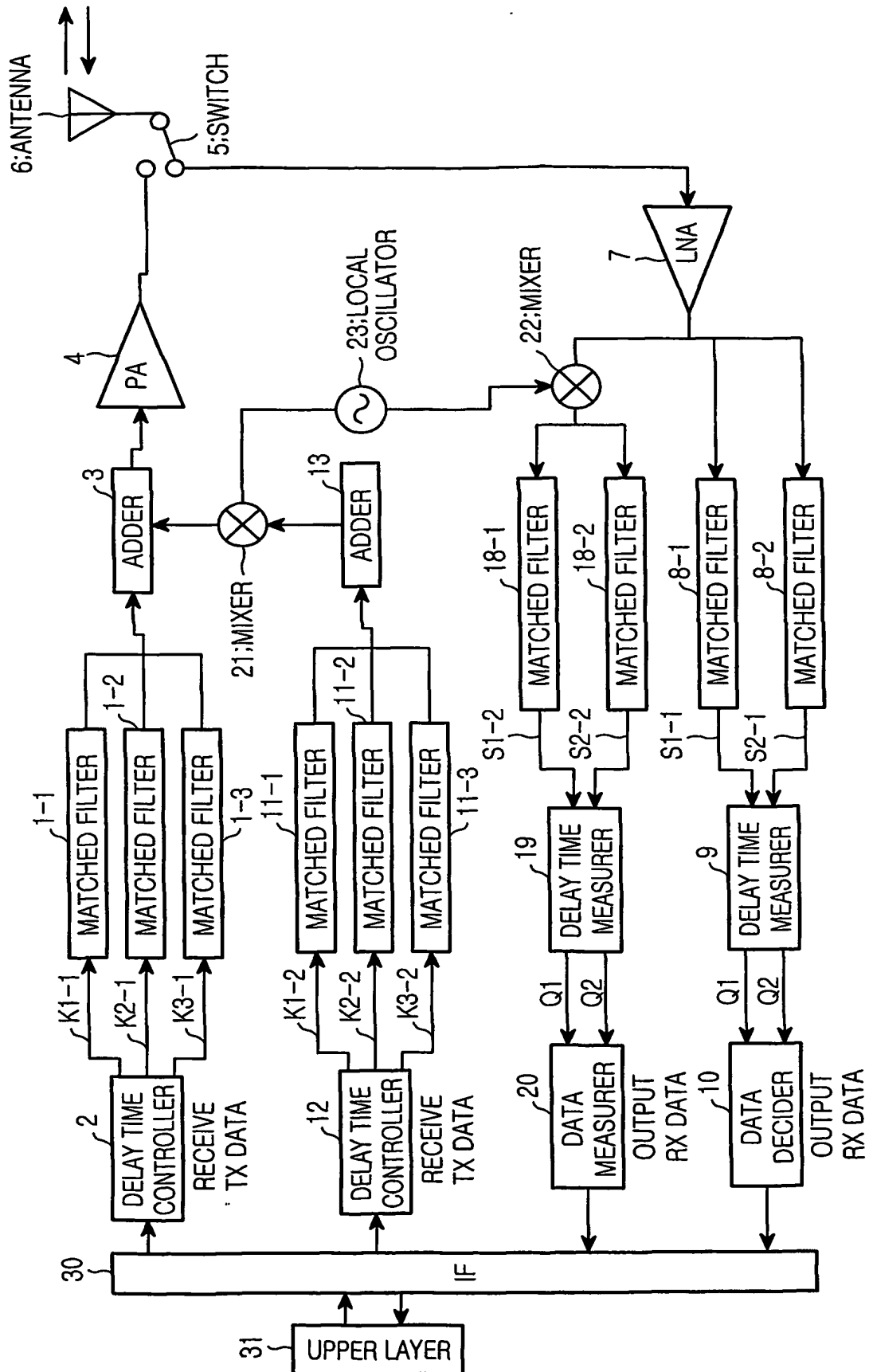


FIG. 29

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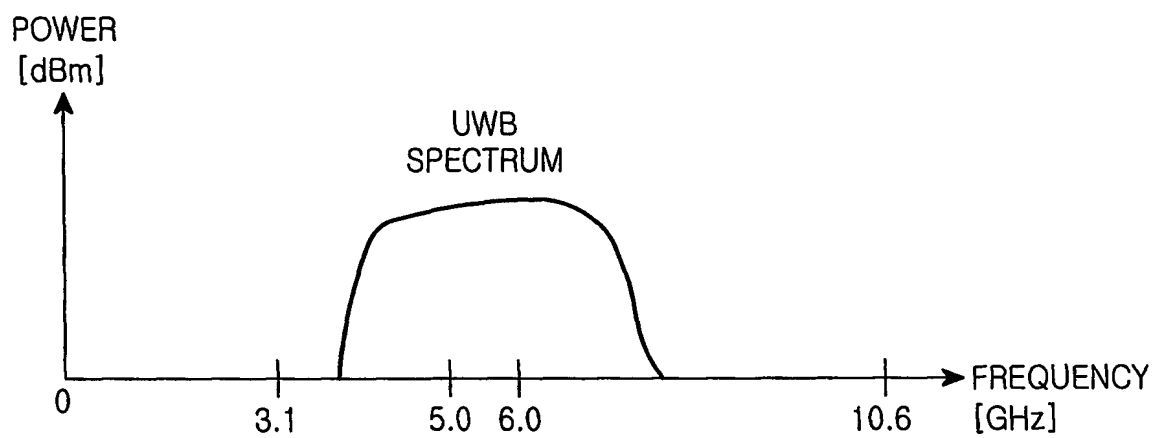


FIG.30

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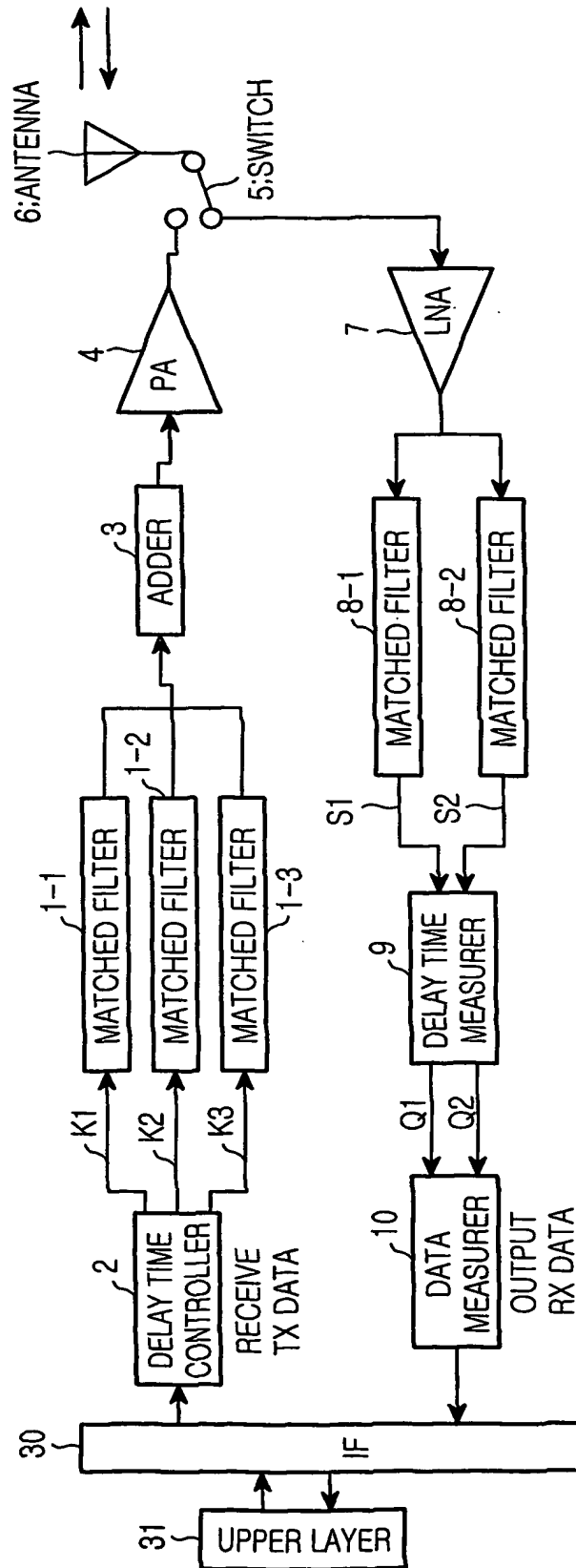


FIG.31